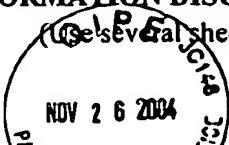


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	APPLICANT(S) Aviram SARIEL et al.	
	FILING March 5, 2002	GROUP 2171

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	Filing date if appropriate

U.S. PATENT APPLICATION PUBLICATIONS


EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	Filing date if appropriate

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

AB	1.	STRANG, G. et al.; "Wavelets and Filter Banks"; Wellesly-Cambridge Press; 1997, pp. 501-513.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLAS S	SUB- CLASS	Filing date if appropriate
AB	1.	4,413,909	8 Nov '83	POHLE, R.H.			
AB	2.	6,314,210	6 Nov '01	FUKUSHIMA, I. et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	Filing date if appropriate

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO

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AB	1	4,354,247	12 Oct '82	YAO, S.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
AB	2	JP 57-10123	19 Jan '82	JAPAN				

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AB	3	AKIBA, A. et al.; "Fundamental Study on a Microoptic Image Preprocessor Composed of Planar Microlens Array;" August 1991; Journal: Optics; Vol. 20; No. 8; pages 507-513
	4	COHN, R. W.; "Link Analysis of a Deformable Mirror Device Based Optical Crossbar Switch; January 1992; Optical Engineering; Vol. 31; No. 1; pages 134-140
	5	FARR, K. B. et al.; "Lens Design for a White-Light Cosine-Transform Achromat;" January 1, 1995; Applied Optics; Vol. 34; No. 1; pages 128-137
	6	FEITELSON, D.; "Optical Computing;" Chapter "Optical Image and Signal Processing;" MIT Press 1988; pages 102-104 and 117-129
	7	FUKUI, M.; "Optoelectronic Parallel Computing System with Optical Image Crossbar Switch;" November 10, 1993; Applied Optics; Vol. 32; No. 32; pages 6475-6481
	8	GEORGE, N. et al.; "Cosinusoidal Transforms in White Light;" March 15, 1984; Applied Optics; Vol. 23; No. 6; pages 787-797
	9	GOUTIN, P. et al.; "Some New Result in Hybrid Acousto-Optic Processing;" October 1992; Proceedings of the IEEE Ultrasonics Symposium; Vol. 1; pages 493-496

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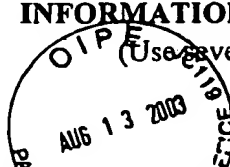
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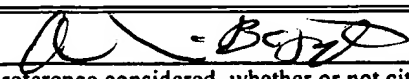
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	APPLICANT(S) Aviram SARIEL et al.	
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	16	STONE, T. W. et al.; "Optical Array Generation and Interconnection Using Birefringent Slabs;" January 10, 1994; Applied Optics; Vol. 33; No. 2; pages 182-191
	17	YATAGAI, T.; "Optical Computing in Japan;" October 1998; Future Generation Computer Systems; Vol. 4; No. 3; pages 177-187; XP000111373
↓	18	"Performance of 4 x 4 Optical Crossbar Switch Utilizing Acousto-Optic Deflector;" February 16, 1989; Electronics Letters; Vol. 25; No. 4; pages 252-253

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				A. SARIEL et al.		FILING I.A. Filing Date - 09/05/99		GROUP To be assigned
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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	2	4,005,385	25 Jan '77	JOYNSON, R. E. et al.				
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	7	4,892,370	9 Jan '90	LEE, Y. T.				
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A-B ↓	12	EP 0 577 258	5 Jan '94	EUROPE				
	13	JP 2-120917	8 May '90	JAPAN			✓	
	14	JP 2-127625	16 May '90	JAPAN			✓	
	15	JP 7-143484	2 Jun '95	JAPAN			✓	
	16	JP 8-129197	21 May '96	JAPAN			✓	
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	18	ARMAND, A. et al.; "Real-Time Parallel Optical Analog-to-Digital Conversion;" March 1980; Optics Letters; Vol. 5; No. 3						
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				A. SARIEL et al.		FILING I.A. Filing Date - 09/05/99	
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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	20	5,216,529	1 Jun '93	PAEK, E. G. et al.			
	21	5,227,886	13 Jul '93	EFRON, U. et al.			
	22	5,235,439	10 Aug '93	STOLL, H. M.			
	23	5,262,979	16 Nov '93	CHAO, T.			
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V	29	5,675,670	7 Oct '97	KOIDE, K.			
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A-B	30	BRENNER, K. H. et al.; "Implementation of an Optical Crossbar Network Based on Directional Switches;" May 10, 1992; Applied Optics; Vol. 31; No. 14; pages 2446-2451					
A-B	31	CHENG, L. M. et al.; "Optical Cosine Transform Using Phase Conjugation Technique;" September 16-18, 1991; Proceedings of Third International Conference on Holographic Systems, Components and Applications; Organized by Electronics Division of the Institution of Electrical Engineers; pages 114-117					
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Docket Number (Optional) 141/02497	Application Number 09/926,547
Applicant(s) A. SARIEL et al.	
Filing Date I.A. Filing Date - 09/05/99	Group Art Unit To be assigned

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↓	43	YU, F. T. S. et al.; "Optical Signal Processing, Computing, and Neural Networks;" 1992; John Wiley & Sons, Inc.; Sections 8.7 and 8.8; pages 308-319 and 326-329
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